

**OPERATION AND MAINTENANCE PLAN
IRRIGATION LAND LEVELING
CODE 464**

Landowner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained Irrigation Land Leveling is an asset to your farm. Land leveling was designed and installed to improve surface irrigation water application uniformity. The estimated life span of this installation is at least 5 years. The life of this practice can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- ☐ Avoid use of tillage equipment that leaves ridges or depressions that cannot be removed by subsequent tillage operations.
- ☐ Periodically use a planing operation to reestablish the installed field gradient. High efficiency surface irrigation systems on cultivated ground require releveled or "touch up" every growing season. With on-farm laser controlled equipment, releveled every year has been shown to be approximately the same cost as releveled every third or fourth year. Increased irrigation uniformity is a benefit of more frequent re-establishment of planned leveling grades and elevations.
- ☐ Remove rodents or burrowing animals. Repair any damage caused by their activity.
- ☐ Repair any vandalism, vehicular, or livestock damage.

Other _____
